



FILE NO. 064731.0171

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s) as Filed : Richard L. Klevans

**RECEIVED**

Serial No. : 09/849,010

DEC 13 2001

Filing Date : May 4, 2001

Technology Center 2100

Entitled : METHOD AND SYSTEM FOR HARDWARE SIMULATION

Group Art Unit : Not yet assigned

I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" under 37 C.F.R. § 1.10 on the date indicated below and is addressed to: Assistant Commissioner for Patents, U.S. Patent and Trademark Office, P.O. Box 2312, Arlington, VA 22202

Examiner : Not yet assigned

Willie Siles  
Name

December 1, 2001  
Express Mail No. 501000354 US

**AMENDMENT AND REQUEST PURSUANT TO 37 C.F.R. § 1.48(a)**

I, Barton E. Showalter, a registered attorney acting in a representative capacity for the above-referenced application under provisions of 37 C.F.R. § 1.34(a), request that the inventorship of the above-referenced application be changed as follows:

**I. REQUEST FOR ADDITION OF OMITTED INVENTORS (pursuant to 37 C.F.R. §1.48(a))**

1) Please add the following persons as inventors to the application:

Rajaraman Krishnan  
54 Bhimasena Gardens Street  
Mylapore, Chennai 600 004  
India

Suresh Ramakrishnan  
1516 Macalpine Circle  
Morrisville, N.C. 27560

2) This error in the inventorship in the above-identified application occurred without any deceptive intention on the part of these omitted inventors. Statements by each of the added inventors Rajaraman Krishnan and Suresh Ramakrishnan, are enclosed herewith.

12/13/2001 BNGUYEN1 00000006 09849010

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NY02:348784.1

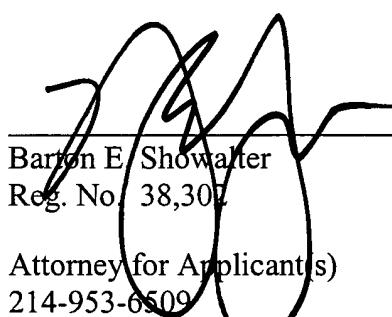
3) A declaration by the three inventors Richard Klevans, Rajaraman Krishnan, and Suresh Ramakrishnan, is enclosed herewith.

4) The required fee of \$130.00; and

5) Written consent by the assignee, Fujitsu Network Communications.

Date: Dec. 6, 2001

By:

  
Barton E. Showalter  
Reg. No. 38,301

Attorney for Applicant(s)  
214-953-6509  
BAKER BOTTS LLP  
2001 Ross Avenue, Suite 600  
Dallas, Texas 75201-2980



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Technology Center 2100 064731.0171

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Richard L. Klevans

Serial No.: 09/849,010 Examiner: Not yet assigned

Filed : May 4, 2001 Art Unit : Not yet assigned

For : METHOD AND SYSTEM FOR HARDWARE SIMULATION

**CONSENT OF ASSIGNEE TO ADD AN  
INVENTOR TO ORIGINALLY NAMED INVENTOR  
AND CERTIFICATE UNDER 37 C.F.R. § 3.73(b)**

I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" under 37 C.F.R. § 1.10 on the date indicated below and is addressed to: Assistant Commissioner for Patents, U.S. Patent and Trademark Office, P.O. Box 2327, Arlington, VA 22202.

*Willie Jiles*  
Name

*October 16, 2001*  
Date of Signature

Express Mail No. 501000354 US

**CONSENT OF ASSIGNEE**

FUJITSU NETWORK COMMUNICATIONS, INC., Richardson, Texas, the assignee of the above-identified application by virtue of assignments dated October 3, 2001, October 9, 2001 and October 19, 2001, copies of which are appended hereto, hereby assents to the correction of inventorship filed herewith.

FUJITSU NETWORK COMMUNICATIONS, INC.

By: *Melanie Scopelis*  
Signature of designated representative Officer

**Senior Vice President & General Counsel**  
Fujitsu Network Communications, Inc.



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CERTIFICATE UNDER 37 C.F.R. §3.73(b)

FUJITSU NETWORK COMMUNICATIONS, INC., a corporation, certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of assignment appended hereto.

FUJITSU NETWORK COMMUNICATIONS, INC.

Dated: November 27, 2001

By Melanie Scafidi  
Signature of designated representative or Officer

**Senior Vice President & General Counsel**

Fujitsu Network Communications, Inc.

ASSIGNMENT

WHEREAS, WE, RICHARD L. KLEVANS, RAJARAMAN KRISHNAN and SURESH RAMAKRISHNAN, citizens of United States, India and India, whose post office address is 122 Frehold Ct., Morrisville, N.C. 27560, 54 Bhimasena Gardens St., Mylapore, Chennai – 600 004 and 1516 Macalpine Circle, Morrisville, N.C. 27560, have made an invention entitled "METHOD AND SYSTEM FOR HARDWARE SIMULATION" as set forth and described in application for Letters Patent of the United States Serial No. 09/849,010, filed May 4, 2001; and

WHEREAS, FUJITSU NETWORK COMMUNICATIONS, INC., a corporation organized and existing under the laws of Texas, and having an office for the transaction of business at 2801 Telecom Parkway, Richardson, Texas 75082, is desirous of acquiring the entire right, title and interest in and to said invention and any improvements thereon, and in and to the said application for Letters Patent therefor, and any Letters Patent which may be obtained therefor;

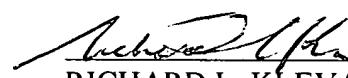
NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, BE IT KNOWN, that WE, the said RICHARD L. KLEVANS, RAJARAMAN KRISHNAN and SURESH RAMAKRISHNAN, for and in consideration of the sum of One Dollar (\$1.00), lawful money of the United States, to us in hand paid by said FUJITSU NETWORK COMMUNICATIONS, INC., and other valuable considerations unto us moving from said FUJITSU NETWORK COMMUNICATIONS, INC., at or before the ensealing and delivery of these presents, the receipt of which is hereby acknowledged, have sold, assigned, transferred and conveyed and by these presents do sell, assign, transfer and convey, unto said FUJITSU NETWORK COMMUNICATIONS, INC., its successors and assigns, the entire right, title and interest in and to the said invention for which we are about to make application for Letters Patent of the United States entitled "METHOD AND SYSTEM FOR HARDWARE SIMULATION", executed concurrently herewith, and any and all improvements thereon, and in and to said application and any division, continuation or continuation-in-part thereof, and in and to any Letters Patent of the United States which may be issued on any of said applications, and any reissues thereof, and in and to any and all applications for Letters Patent filed in foreign countries for said invention or improvements including all priority rights, and any and all Letters Patent which may be granted in foreign countries therefor, TO HAVE AND TO HOLD THE SAME to the full end of the term or terms for which any and all said Letters Patent may be granted;

AND WE, the said RICHARD L. KLEVANS, RAJARAMAN KRISHNAN and SURESH RAMAKRISHNAN, do hereby authorize and request the Commissioner of Patents and Trademarks to issue the said Letters Patent of the United States to said FUJITSU NETWORK COMMUNICATIONS, INC., as the assignee of the entire right, title and interest in and to the same, for the sole use and benefit of said FUJITSU NETWORK COMMUNICATIONS, INC., its successors and assigns;

AND I, the said RICHARD L. KLEVANS, RAJARAMAN KRISHNAN and SURESH RAMAKRISHNAN, for the considerations aforesaid, do hereby covenant and agree to and with said FUJITSU NETWORK COMMUNICATIONS, INC., its successors and assigns, that we have the full power to make this assignment, and that the rights assigned are not encumbered by any grant, license or right heretofore given, and that we, our executors or administrators, shall and will do all lawful acts and things and make, execute and deliver without further compensation, any and all other instruments in writing, further applications, papers, affidavits, powers of attorney, assignments, and other documents which, in the opinion of counsel for said FUJITSU NETWORK COMMUNICATIONS, INC., its successors and assigns, may be required or necessary more effectively to secure to and vest in said FUJITSU NETWORK COMMUNICATIONS, INC., its successors and assigns, the entire right, title and interest in and to said invention and improvements, applications, Letters Patent, rights, titles, benefits, privileges, and advantages hereby sold, assigned, transferred and conveyed, and that we will sign any applications for reissue which may be desired by the owner of the patent or patents which may be issued for the said invention or improvements.

IN WITNESS WHEREOF, WE, the said RICHARD L. KLEVANS, RAJARAMAN KRISHNAN and SURESH RAMAKRISHNAN, have hereunto set my hand and seal on the date below written.

10/31/01

  
RICHARD L. KLEVANS

STATE OF )  
                  )  
                  ) ss.:  
COUNTY OF     )

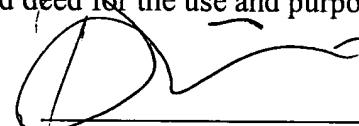
BE IT KNOWN, that on this \_\_\_\_\_ day of \_\_\_\_\_, 2001, before me personally came RICHARD L. KLEVANS, to me known and known to me to be the person mentioned in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed for the use and purposes therein mentioned.

\_\_\_\_\_  
Notary Public

X K. Rajaraman  
RAJARAMAN KRISHNAN

STATE OF )  
                  ) ss.:  
COUNTY OF     )

BE IT KNOWN, that on this 9th day of October, 2001, before me personally came RAJARAMAN KRISHNAN, to me known and known to me to be the person mentioned in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed for the use and purposes therein mentioned.



Notary Public Dana R. Williams  
Vice Consul

---

SURESH RAMAKRISHNAN

STATE OF     )  
                  ) ss.:  
COUNTY OF     )

BE IT KNOWN, that on this \_\_\_\_\_ day of \_\_\_\_\_, 2001, before me personally came SURESH RAMAKRISHNAN, to me known and known to me to be the person mentioned in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed for the use and purposes therein mentioned.

---

Notary Public

---

RAJARAMAN KRISHNAN

STATE OF )  
                  ) ss.:  
COUNTY OF     )

BE IT KNOWN, that on this \_\_\_\_\_ day of \_\_\_\_\_, 2001, before me personally came RAJARAMAN KRISHNAN, to me known and known to me to be the person mentioned in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed for the use and purposes therein mentioned.

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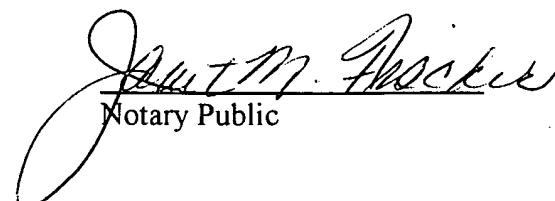
Notary Public

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SURESH RAMAKRISHNAN

STATE OF *North Carolina*  
                  ) ss.:  
COUNTY OF *Wake* )

BE IT KNOWN, that on this 17th day of October, 2001, before me personally came SURESH RAMAKRISHNAN, to me known and known to me to be the person mentioned in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed for the use and purposes therein mentioned.

  
Notary Public



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PATENT

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Klevans *et al.*

Serial No. : 09/849,010 Examiner : Not yet assigned

Filed : May 4, 2001 Art Unit : Not yet assigned

For : METHOD AND SYSTEM FOR HARDWARE SIMULATION

STATEMENT OF RAJARAMAN KRISHNAN

UNDER 37 C.F.R. § 1.48(a)(1)

RAJARAMAN KRISHNAN, a co-inventor of the subject matter of the above-identified application makes the following statement under 37 C.F.R. § 1.48(a) and pursuant to 37 C.F.R. § 10.18(b).

I have reviewed the claims in the above-identified application and believe I should properly have been named as a co-inventor in the application when it was filed. The error in not originally including me as an inventor arose because I did not have an opportunity to review the application before it was filed. I discovered the error upon reviewing the application after it had been filed. The error arose without any deceptive intention on my part.

Date: 9<sup>th</sup> Oct 2001

K. Rajaraman  
RAJARAMAN KRISHNAN



064731.0171  
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Klevans *et al.*  
Serial No. : 09/849,010 Examiner : Not yet assigned  
Filed : May 4, 2001 Art Unit : Not yet assigned  
For : METHOD AND SYSTEM FOR HARDWARE SIMULATION

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## Technology Center 2100

SURESH RAMAKRISHNAN, a co-inventor of the subject matter of the above-identified application makes the following statement under 37 C.F.R. § 1.48(a) and pursuant to 37 C.F.R. § 10.18(b).

I have reviewed the claims in the above-identified application and believe I should properly have been named as a co-inventor in the application when it was filed. The error in not originally including me as an inventor arose because I did not have an opportunity to review the application before it was filed. I discovered the error upon reviewing the application after it had been filed. The error arose without any deceptive intention on my part.

Date: 10/18/2001

Suresh Ramakrishnan



## COMBINED DECLARATION AND POWER OF ATTORNEY

(Original, Design, National Stage of PCT, Divisional, Continuation or C-I-P Application)

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name; I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

### METHOD AND SYSTEM FOR HARDWARE SIMULATION

This declaration is of the following type:

- original
- design
- national stage of PCT.
- divisional
- continuation
- continuation-in-part (C-I-P)

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the specification of which: (*complete (a), (b), or (c)*)

- (a)  is attached hereto.
- (b)  was filed on May 4, 2001 as Application Serial No. 09/849,010 and was amended on (if applicable).
- (c)  was described and claimed in PCT International Application No. \_\_\_\_\_ filed \_\_\_\_\_ on and was amended on (if applicable).

#### Acknowledgment of Review of Papers and Duty of Candor

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of the subject matter claimed in this application in accordance with Title 37, Code of Federal Regulations § 1.56.

- In compliance with this duty there is attached an information disclosure statement. 37 CFR 1.98.

#### Priority Claim

I hereby claim foreign priority benefits under Title 35, United States Code, § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate or of any PCT International Application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT International Application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application on which priority is claimed

(*complete (d) or (e)*)

- (d)  no such applications have been filed.
- (e)  such applications have been filed as follows:

PRIOR FOREIGN/PCT APPLICATION(S) FILED WITHIN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO SAID APPLICATION			
COUNTRY	APPLICATION NO.	DATE OF FILING (day, month, year)	PRIORITY CLAIMED UNDER 35 USC 119
			<input type="checkbox"/> YES NO <input type="checkbox"/>
			<input type="checkbox"/> YES NO <input type="checkbox"/>
			<input type="checkbox"/> YES NO <input type="checkbox"/>
ALL FOREIGN APPLICATION(S), IF ANY, FILED MORE THAN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO SAID APPLICATION			
			<input type="checkbox"/> YES NO <input type="checkbox"/>
			<input type="checkbox"/> YES NO <input type="checkbox"/>
			<input type="checkbox"/> YES NO <input type="checkbox"/>

### Claim for Benefit of Prior U.S. Provisional Application(s)

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below:

Provisional Application Number	Filing Date
60/202,190	May 5, 2000

### Claim for Benefit of Earlier U.S./PCT Application(s) under 35 U.S.C. 120 (complete this part only if this is a divisional, continuation or C-I-P application)

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior application(s) in the manner provided by the first paragraph of Title 35, United States Code § 112, I acknowledge the duty to disclose information as defined in Title 37, Code of Federal Regulations, § 1.56 which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application:

(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)
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(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)
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### Power of Attorney

As a named inventor, I hereby appoint:



Practitioners at Customer Number

all of the firm of Baker Botts L.L.P., my attorneys with full power of substitution and revocation, to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith, and to file and prosecute any international patent applications filed thereon before any international authorities.

SEND CORRESPONDENCE TO: BAKER & BOTTS, L.L.P. 2001 Ross Avenue, Suite 600 Dallas, TX 75201-2980	DIRECT TELEPHONE CALLS TO: Barton E. Showalter at 214-953-6509 Attorney Docket No. 064731.0171
--	---

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

FULL NAME OF SOLE OR FIRST INVENTOR	LAST NAME <b>KLEVANS</b>	FIRST NAME <b>RICHARD</b>	MIDDLE NAME <b>L.</b>	
RESIDENCE & CITIZENSHIP	CITY <b>Morrisville</b>	STATE or FOREIGN COUNTRY <b>N.C.</b>	COUNTRY OF CITIZENSHIP <b>United States</b>	
POST OFFICE ADDRESS	POST OFFICE ADDRESS <b>122 Frehold Ct.</b>	CITY <b>Morrisville</b>	STATE or COUNTRY <b>N.C.</b>	ZIP CODE <b>27560</b>
DATE <b>10/13/01</b>	SIGNATURE OF INVENTOR 			
FULL NAME OF THIRD JOINT INVENTOR, IF ANY	LAST NAME <b>KRISHNAN</b>	FIRST NAME <b>RAJARAMAN</b>	MIDDLE NAME	
RESIDENCE & CITIZENSHIP	CITY <b>Mylapore, Chennai</b>	STATE or FOREIGN COUNTRY <b>India</b>	COUNTRY OF CITIZENSHIP <b>India</b>	
POST OFFICE ADDRESS	POST OFFICE ADDRESS <b>54 Bhimasena Gardens St.</b>	CITY <b>Mylapore, Chennai</b>	STATE or COUNTRY <b>India</b>	ZIP CODE <b>600-004</b>
DATE	SIGNATURE OF INVENTOR			
FULL NAME OF FOURTH JOINT INVENTOR, IF ANY	LAST NAME <b>RAMAKRISHNAN</b>	FIRST NAME <b>SURESH</b>	MIDDLE NAME	
RESIDENCE & CITIZENSHIP	CITY <b>Morrisville</b>	STATE or FOREIGN COUNTRY <b>N.C.</b>	COUNTRY OF CITIZENSHIP <b>India</b>	
POST OFFICE ADDRESS	POST OFFICE ADDRESS <b>1516 Macalpine Circle</b>	CITY <b>Morrisville</b>	STATE or COUNTRY <b>N.C.</b>	ZIP CODE <b>27560</b>
DATE	SIGNATURE OF INVENTOR			
FULL NAME OF FIFTH JOINT INVENTOR, IF ANY	LAST NAME	FIRST NAME	MIDDLE NAME	
RESIDENCE & CITIZENSHIP	CITY	STATE or FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP	
POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE or COUNTRY	ZIP CODE
DATE	SIGNATURE OF INVENTOR			
FULL NAME OF SIXTH JOINT INVENTOR, IF ANY	LAST NAME	FIRST NAME	MIDDLE NAME	
RESIDENCE & CITIZENSHIP	CITY	STATE or FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP	
POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE or COUNTRY	ZIP CODE
DATE	SIGNATURE OF INVENTOR			

Check proper box(es) for any added page(s) forming a part of this declaration

- Signature for ninth and subsequent joint inventors. Number of pages added \_\_\_\_\_.
- Signature by administrator(trix), executor(trix) or legal representative for deceased or incapacitated inventor. Number of pages added \_\_\_\_\_.
- Signature for inventor who refuses to sign, or cannot be reached, by person authorized under 37 CFR 1.47. Number of pages added \_\_\_\_\_.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

FULL NAME OF SOLE OR FIRST INVENTOR	LAST NAME <b>KLEVANS</b>	FIRST NAME <b>RICHARD</b>	MIDDLE NAME <b>L.</b>	
RESIDENCE & CITIZENSHIP	CITY <b>Morrisville</b>	STATE or FOREIGN COUNTRY <b>N.C.</b>	COUNTRY OF CITIZENSHIP <b>United States</b>	
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DATE	SIGNATURE OF INVENTOR			
FULL NAME OF THIRD JOINT INVENTOR, IF ANY	LAST NAME <b>KRISHNAN</b>	FIRST NAME <b>RAJARAMAN</b>	MIDDLE NAME	
RESIDENCE & CITIZENSHIP	CITY <b>Mylapore, Chennai</b>	STATE or FOREIGN COUNTRY <b>India</b>	COUNTRY OF CITIZENSHIP <b>India</b>	
POST OFFICE ADDRESS	POST OFFICE ADDRESS <b>54 Bhimasena Gardens St.</b>	CITY <b>Mylapore, Chennai</b>	STATE or COUNTRY <b>India</b>	ZIP CODE <b>600-004</b>
DATE <i>9<sup>th</sup> Oct 2001</i>	SIGNATURE OF INVENTOR <i>K. Rajaraman.</i>			
FULL NAME OF FOURTH JOINT INVENTOR, IF ANY	LAST NAME <b>RAMAKRISHNAN</b>	FIRST NAME <b>SURESH</b>	MIDDLE NAME	
RESIDENCE & CITIZENSHIP	CITY <b>Morrisville</b>	STATE or FOREIGN COUNTRY <b>N.C.</b>	COUNTRY OF CITIZENSHIP <b>India</b>	
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POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE or COUNTRY	ZIP CODE
DATE	SIGNATURE OF INVENTOR			
FULL NAME OF SIXTH JOINT INVENTOR, IF ANY	LAST NAME	FIRST NAME	MIDDLE NAME	
RESIDENCE & CITIZENSHIP	CITY	STATE or FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP	
POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE or COUNTRY	ZIP CODE
DATE	SIGNATURE OF INVENTOR			

Check proper box(es) for any added page(s) forming a part of this declaration

- Signature for ninth and subsequent joint inventors. Number of pages added \_\_\_\_\_.
- Signature by administrator(trix), executor(trix) or legal representative for deceased or incapacitated inventor. Number of pages added \_\_\_\_\_.
- Signature for inventor who refuses to sign, or cannot be reached, by person authorized under 37 CFR 1.47. Number of pages added \_\_\_\_\_.

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FULL NAME OF SOLE OR FIRST INVENTOR	LAST NAME <b>KLEVANS</b>	FIRST NAME <b>RICHARD</b>	MIDDLE NAME <b>L.</b>	
RESIDENCE & CITIZENSHIP	CITY <b>Morrisville</b>	STATE or FOREIGN COUNTRY <b>N.C.</b>	COUNTRY OF CITIZENSHIP <b>United States</b>	
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DATE	SIGNATURE OF INVENTOR			
FULL NAME OF THIRD JOINT INVENTOR, IF ANY	LAST NAME <b>KRISHNAN</b>	FIRST NAME <b>RAJARAMAN</b>	MIDDLE NAME	
RESIDENCE & CITIZENSHIP	CITY <b>Mylapore, Chennai</b>	STATE or FOREIGN COUNTRY <b>India</b>	COUNTRY OF CITIZENSHIP <b>India</b>	
POST OFFICE ADDRESS	POST OFFICE ADDRESS <b>54 Bhimasena Gardens St.</b>	CITY <b>Mylapore, Chennai</b>	STATE or COUNTRY <b>India</b>	ZIP CODE <b>600-004</b>
DATE	SIGNATURE OF INVENTOR			
FULL NAME OF FOURTH JOINT INVENTOR, IF ANY	LAST NAME <b>RAMAKRISHNAN</b>	FIRST NAME <b>SURESH</b>	MIDDLE NAME	
RESIDENCE & CITIZENSHIP	CITY <b>Morrisville</b>	STATE or FOREIGN COUNTRY <b>N.C.</b>	COUNTRY OF CITIZENSHIP <b>India</b>	
POST OFFICE ADDRESS	POST OFFICE ADDRESS <b>1516 Macalpine Circle</b>	CITY <b>Morrisville</b>	STATE or COUNTRY <b>N.C.</b>	ZIP CODE <b>27560</b>
DATE <b>10/18/2001</b>	SIGNATURE OF INVENTOR <i>Suresh Ramakrishnan</i>			
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DATE	SIGNATURE OF INVENTOR			

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Signature for inventor who refuses to sign, or cannot be reached, by person authorized under 37 CFR 1.47. Number of pages added \_\_\_\_\_.